
APPENDIX B

SUMMARY OF DATA RECEIVED AND DATA QUALITY EVALUATION

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Summary of Data Received as a Result of Solicitation Process in February 2007

REQUESTS TO LIST					
Water Body	Pollutant/ Water quality parameter	Data Source	Spatial Representation	Temporal Representation	Data Quality
Urban Creeks – Santa Clara Basin Adobe Creek, Alamitos Creek, Barron Creek, Berryessa Creek, Calabazas Creek, Coyote Creek, El Camino Storm Drain Channel, Guadalupe River, Los Gatos Creek, Silver Creek, Matadero Creek, Penitencia Creek, Permanente Creek, Randall Creek, Rodeo Creek, San Francisquito Creek, San Tomas Creek, Saratoga Creek, Stevens Creek, Thompson Creek	Trash	SCURPPP: Santa Clara Urban Runoff Pollution Prevention Program Photographic and narrative documentation of creeks impacted by trash including additional physical, chemical and biological data	1-3 locations on each water body	Data collected 1 to 3 times per location from 2004 through 2006	High – Quantitative Trash Assessment Methodology documented in separate report
Guadalupe River, Los Gatos Creek, Richmond Marsh, San Rafael Creek, Wildcat Creek, Stevens Creek	Trash	Save the Bay Photographic documentation and estimates of trash loads	1-4 locations on each water body	Data collected in January and February 2007	Medium – Quantitative assessment based on photographic documentation
Guadalupe River, Coyote Creek	Trash	GCRC: Guadalupe- Coyote Resource Conservation District Photographic and narrative documentation of trash, debris, channel blockages, encampments and dumping	5 locations on Coyote Creek and 1 location on Guadalupe River	Data collected in March 2002, May 2005, and May 2006	Medium – Quantitative assessment based on photographic documentation
Bay area storm drain channels, creeks, wetlands and San	Trash/Gross pollutants	Roger B. James & Lawrence P. Kolb	1-5 locations on each water body	Data collected mainly in winter months from 1997-	Medium – Quantitative

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Francisco Bay Damon Slough, Eastshore Park, Strawberry Creek, Temescal Creek, Adobe Creek, Alameda Creek, Alhambra Creek, Arroyo Seco, Coyote Creek, Richardson Bay shoreline, Aquatic Park Lagoon, Calabazas Creek, Colma Creek, Corte Madera Creek, Middle Harbor Park shoreline, Frontage Road Beach, Grayson Creek, Guadalupe River, Lafayette Creek, Lake Merritt, Las Trampas Creek, Ledge wood Creek, Matadero Creek, McCoy Creek, Pacheco Slough, Rindler Creek, San Leandro Creek, San Mateo Creek, San Rafael Creek, San Pablo Creek, San Ramon Creek, San Tomas Aquino Creek, Sausal Creek, Stevens Creek, Sulphur Creek, Vista Grande Canal, Walnut Creek, 54 th Ave. Creek (tidal near Oakport)		Photographic and narrative documentation over a 10- year period		2007, majority in 2006 and 2007	assessment based on photographic documentation
Rodeo Creek	Sediment	Muir Heritage Land Trust No quantitative data, geomorphic assessment and creek analysis <i>(Geomorphic and Hydrologic Assessment of Fernandez Ranch prepared by Watershed Sciences</i>	N/A	N/A	No data submitted

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Willow Creek (tributary of Wildcat Creek near Saratoga)	Sediment	Margaret Giberson of Los Gatos	Willow Creek	N/A	No data submitted. Old photographs (1985-1991, 2002) of sediment runoff
San Francisco Bay – areas adjacent to dredge material disposal sites	Suspended sediment	Fred Krieger of Berkeley Narrative evidence and references to USGS mapping, SFEI assessments of sediment loadings, RMP data and Herring White Paper	San Francisco Bay	N/A	No data submitted
Abbotts Lagoon and associated tributaries in Point Reyes National Park	Biostimulatory substances, dissolved oxygen, un-ionized ammonia	Fred Krieger of Berkeley Link to the USGS report http://pubs.usgs.gov/sir/2005/5261/sir_2005-5261.pdf <i>Assessment of Hydrologic and Water Quality Data Collected in Abbotts Lagoon Watershed, Point Reyes National Seashore, California, during Water Years 1999 and 2000</i>	Eleven monitoring locations including 3 locations in Abbotts Lagoon and 8 locations in unnamed tributaries draining into Abbotts Lagoon	Old data collected from November 1998 through August 1999. Quarterly sampling at the 3 lagoon sites and one perennial tributary and sampling of two storm events at several tributary sites	Old data. Medium quality – limited quality control procedures
Lake Chabot and its tributary Rindler Creek (Solano County)	Trash, dissolved oxygen, sediment	Friends of Lake Chabot Data not submitted, reference made to the data collected by the Vallejo Sanitation and Flood Control District	N/A	N/A	No data submitted
California Ocean Waters	Carbon dioxide	Center for Biological	N/A	N/A	No numerical data

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Water Body	Pollutant/ Water quality parameter	Data Source	Spatial Representation	Temporal Representation	Data Quality
		Diversity No data submitted. Scientific papers and supporting documentation on acidification of ocean waters			submitted

REQUESTS NOT TO LIST / DE-LIST / OTHER					
Water Body	Pollutant/ Water quality parameter	Data Source	Spatial Representation	Temporal Representation	Data Quality
Lake Merced	Dissolved oxygen, pH	San Francisco Public Utilities Commission Data submitted in support of not listing Lake Merced on the 303(d) list	Four monitoring locations in Lake Merced including 2 locations in South Lake Merced and 1 location in North and 1 in North East section of the lake.	DO and pH measured from 4 to 8 times a year over a period from 05/27/2004 to 12/20/2006	Quality control procedures unknown
Lake Del Valle Reservoir	Basic water quality, conventional chemistry, E. coli, Total coliform, Giardia and Cryptosporidium	Alameda Food Control and Water Conservation District Data submitted to document good quality of the drinking water supply. Request to modify the current 303(d) listing of the reservoir for Hg and PCBs to state that there is no threat to treated drinking	Seven monitoring locations at 3 water bodies - including 3 locations at the Lake Del Valle and 4 locations at major inputs to the South Bay Aqueduct	Samples collected from December 2005 through March 2006	Description of the QA/QC protocols not included

REQUESTS NOT TO LIST / DE-LIST / OTHER					
Water Body	Pollutant/ Water quality parameter	Data Source	Spatial Representation	Temporal Representation	Data Quality
San Francisco Bay	Selenium	water supply. Western State Petroleum Association Request to de-list Literature review and interpretation of selenium concentration data in San Francisco Bay and the likely toxicological effects of selenium.	N/A	N/A	RMP data available – high quality
Mount Diablo Creek	Temperature, dissolved oxygen, pH, conductivity, bacteria	Friends of Mount Diablo Creek Data provided for ongoing assessment of Mount Diablo Ck.	Six sampling locations (3 sites on the main stem of Mount Diablo Ck and 3 sites on the local tributaries)	Physico-chemical parameters measured monthly from March 2006 through February 2007. E coli and total coliforms measured at 3 sites in July and August 2006	QA/QC protocols included
N/A	Pesticides	DPR¹ : Department of Pesticide Regulation - links to the Surface Water Database containing pesticides data for California waterways. No specific data submitted.	Contra Costa, San Mateo, Solano and Santa Clara County,	Old data (1992-1998)	High

¹ The database comprises a limited amount of pesticide data (diazinon, chlorpyrifos, diuron, metha diuron) collected more than 10 years ago from 12 creeks within Region 2 boundaries. In 2005 the Water Board adopted a Water Quality Attainment Strategy and TMDL for Diazinon and Pesticide-Related Toxicity in Urban Creeks that addressed the observed pesticide impairment in all urban waterways within the Region 2. The TMDL was subsequently approved by the State Board and the U.S. EPA.

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